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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Amit Ganesh, et al.

Serial No.: 10/804,976

Filed on: March 18, 2004

For: PARALLEL TRANSACTION RECOVERY

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

) Confirmation No.: 7843  
)  
) Examiner: NYA  
)  
) Group Art Unit No.: 2171  
)

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. The references were cited during the prosecution of the parent application, serial number 09/156,548, filed on September 17, 1998. Enclosed is a copy of Information Disclosure Citation Form PTO-1449 and it is respectfully requested that the cited documents be considered and be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

  X   37 C.F.R. §1.97(b).

\_\_\_\_\_ 37 C.F.R. §1.97(c). If so, then this Information Disclosure Statement includes one of the following:

\_\_\_\_\_ A statement pursuant to 37 C.F.R. §1.97(e)

\_\_\_\_\_ 1.97(e)(1) The undersigned hereby states that each item of information contained in this information disclosure statement was first cited in communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.

\_\_\_\_\_ 1.97(e)(2) The undersigned hereby states that no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this information disclosure statement.

\_\_\_\_\_ A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).

\_\_\_\_\_ 37 C.F.R. §1.97(d). If so, then this Information Disclosure Statement includes the following:

\_\_\_\_\_ A statement pursuant to 37 C.F.R. §1.97(e)

\_\_\_\_\_ 1.97(e)(1) The undersigned hereby states that each item of information contained in this information disclosure statement was first cited in communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement; OR

\_\_\_\_\_ 1.97(e)(2) The undersigned hereby states that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this information disclosure statement.

AND

\_\_\_\_\_ A check for \$180.00 for the fee under 37 C.F.R. §1.17(i) for submission of the Information Disclosure Statement.

\_\_\_\_\_ 37 C.F.R. §1.97(i). Wherein applicants are submitting references before the grant of a patent to be placed in the file but not considered by the Patent office.

- (1) Accordingly, copies of the references as listed on the attached Form PTO 1449 are submitted herewith for placement in the file. No certification or fees are deemed necessary.

The Examiner's attention is directed to the following related application(s) for the following reasons (as indicated by an "X" to the left of the appropriate paragraph):

X

The Examiner is hereby notified that the following related application has been filed:

U.S. Application Serial No. 09/156,548, filed on September 17, 1998.

This related application contains one or more claims that may be substantially similar to one or more claims in the present application. Therefore, the Examiner is encouraged to reference the file history of the related application as some of the information contained therein may be material to the examination of the present application.

\_\_\_\_\_ The Examiner is hereby notified that the present application is related to the following related application(s):

U.S. Application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_.

U.S. Application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_.

U.S. Application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_.

U.S. Application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_.

U.S. Application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_.

The related application(s) contain(s) one or more claims that may be substantially similar to one or more claims in the present application, those claims may have been rejected in the related application(s), and a different interpretation may have been applied to one or more of the references that are of record in the present application. Therefore, the Examiner is encouraged to review the file history(ies) of the related application(s) as some of the information contained therein may be material to the examination of the present application.

\_\_\_\_\_ The Examiner is hereby notified that for the following related application(s) an Office Action has been received as indicated below:

U.S. Application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_ (Office Action mailing date \_\_\_\_\_).

The related application(s) contain(s) one or more claims that may be substantially similar to one or more claims in the present application, those claims may have been rejected in the related application(s), and a different interpretation may have been applied to one or more of the references that are of record in the present application. Therefore, the Examiner is encouraged to review the file history(ies) of the related application(s) as some of the information contained therein may be material to the examination of the present application.

Throughout the pendency of this application, please charge any additional fees, including any required extension of time fees, and credit all overpayments to deposit account 50-1302. A duplicate of this sheet is enclosed.

Respectfully submitted,

HICKMAN PALERMO TRUONG & BECKER LLP

Dated: July 16, 2004



Edward A. Becker  
Reg. No. 37,777

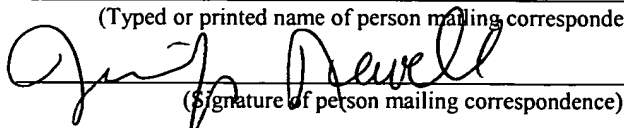
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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

July 16, 2004  
(Date of Deposit)

Jennifer Newell

(Typed or printed name of person mailing correspondence)



(Signature of person mailing correspondence)

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <b>(PTO-1449)</b>	<b>ATTY. DOCKET NO.</b> 50277-2502	<b>SERIAL NO.</b> 10/804,976
	<b>APPLICANT:</b> Amit Ganesh et al.	
	<b>FILING DATE:</b> March 18, 2004	<b>GROUP:</b> 2171

**U.S. PATENT DOCUMENTS**

Exam. Initial*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (If known)			
		5,065,311		Masai et al.	11-12-1991	
		5,155,678		Fukumoto, et al.	10-13-1992	
		5,170,480		Mohan et al.	12-08-1992	
		5,201,044		Frey, Jr. et al.	04-06-1993	
		5,280,611		Mohan, et al.	01-18-1994	
		5,333,303		Mohan	07-26-1994	
		5,333,314		Masai et al.	07-26-1994	
		5,335,343		Lampson et al.	08-02-1994	
		5,440,727		Bhide, et al.	08-08-1995	
		5,481,699		Saether	01-02-1996	
		5,485,608		Lomet et al.	01-16-1996	
		5,524,205		Lomet et al.	06-04-1996	
		5,524,239		Fortier	06-04-1996	

**FOREIGN PATENT DOCUMENTS**

Exam. Initial*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (If known)				

<b>Examiner Signature</b>	<b>Date Considered</b>
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <b>(PTO-1449)</b>				<b>ATTY. DOCKET NO.</b> 50277-2502		<b>SERIAL NO.</b> 10/804,976	
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U.S. PATENT DOCUMENTS						
Exam. Initial*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (If known)			
		5,524,241		Ghoneimy et al.	06-04-1996	
		5,551,046		Mohan et al.	08-27-1996	
		5,561,795		Sarkar	10-01-1996	
		5,596,710		Voigt	01-21-1997	
		5,630,047		Wang	05-13-1997	
		5,734,817		Roffe et al.	03-31-1998	
		5,819,020		Beeler, Jr.	10-06-1998	
		5,850,507		Ngai et al.	12-15-1998	
		5,857,204		Lordi et al.	01-05-1999	
		5,933,838		Lomet	08-03-1999	
		5,974,563		Beeler, Jr.	10-26-1999	
		6,067,550		Lomet	05-23-2000	
		6,178,428	B1	Pystynen et al.	01-23-2001	

FOREIGN PATENT DOCUMENTS								
Exam. Initial*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (If known)				

<b>Examiner Signature</b>	<b>Date Considered</b>
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**GROUP:**  
2171

[illegible][illegible]

Date Considered

Page 3 of 4

<b>Substitute for Form 1449A/PTO (Modified)</b> (use as many sheets as necessary)		<b>Attorney Docket No.:</b> 50277-2502	<b>Application Number:</b> 10/804,976
		<b>First Named Inventor:</b> Amit Ganesh	
		<b>Filing Date:</b> March 18, 2004	
<b>OTHER ART – NO PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation <sup>2</sup>
		Mohan, et al., Aries-RRH: Restricted Repeating of History in TEH Aries Transaction Recovery Method, Data Engineering, 7 <sup>th</sup> International Conference IEEE, pp. 718-727, 12/1991.	
		Microsoft Press, "Microsoft Press Computer Dictionary, Third Edition," pp. 408, 9/1997.	
		Oxford University Press, "Dictionary of Computing, Fourth Edition," pp. 125, 199, 12/1996.	
		IBM Corp., IBM Technical Disclosure Bulletin, Vol. 28, No. 3, pp. 950-951, 12/1991.	

Examiner Signature		Date Considered	
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